

**AMENDMENTS TO THE SPECIFICATION**

At page 1 of the specification, please replace the paragraph beginning at line 5 and ending at line 21 with the following paragraph:

**Related Applications**

This application is a divisional application of U.S. Patent Application No. 09/450,969, filed November 29, 1999, which is a Continuation-in-Part which claims priority to U.S. Application No. 09/134,001, filed August 13, 1998, now U.S. Patent No. 6,380,370, which claims the benefit of both U.S. Provisional Application No. 60/064,964, filed November 8, 1997 and U.S. Provisional Application No. 60/055,779, filed August 14, 1997, the contents of which are incorporated in their entirety.

**Sequence Listing**

The instant application contains a "lengthy" Sequence Listing which has been submitted via CD-R in lieu of a printed paper copy, and is hereby incorporated by reference in its entirety. Said CD-R, recorded on March 10, 2006, are labeled CRF, "Copy 1" and "Copy 2", respectively, and each contains only one identical 9.8 Mb file (470407US.APP).

At page 79 of the specification, please replace the paragraph beginning at line 29 and ending at line 31 with the following paragraph:

The purified DNA fragments were then blunt-ended using T4 DNA polymerase. The healed DNA was then ligated to unique BstXI-linker adapters (5'-GTCTTCACCACGGGG-3' (SEQ ID NO: 7545) and 5'-GTGGTGAAGAC-3' (SEQ ID NO: 7546) in 100-1000 fold molar excess). These linkers are